

AMENDMENT AND PRESENTATION OF CLAIMS

Please replace all prior claims in the present application with the following claims, in which claims 1-5 are currently amended.

1. (Currently Amended) ~~Method~~ A method for displaying ~~powers~~ power levels of code channels of a CDMA (Code Division Multiple Access) signal, which is transmitted with orthogonal transmit diversity (OTD), the signal being transmitted via at last one of at least two antennae (~~Ant1, Ant2~~), having the following method steps:

- ~~reception of~~ receiving the CDMA signal
- ~~determination of~~ determining a code class (~~CC6, CC7~~) for the representation of the power level of the individual code channels;
- ~~determination of~~ determining the ~~powers~~ power levels of the individual code channels (~~19, 147, 83, ...~~) in the next higher code class (~~CC7, CC8~~) with respect to the determined code class (~~CC6, CC7~~);
- ~~assignment of~~ assigning the powers of the individual code channels (~~19, 147, 83, ...~~) to the respective antenna (~~Ant1, Ant2~~) corresponding to the orthogonal transmit diversity in the determined code class (~~CC6, CC7~~);
- ~~implementation of~~ implementing a code channel exchange corresponding to the actual assignment of the antennae (~~Ant1, Ant2~~) with respect to the code classes (~~CC2, CC3, CC4, CC5~~) of the actually active code channels (~~2, 3, 15, 20~~); and
- ~~representation of~~ displaying the ~~powers~~ power levels of the exchanged code channels for at least one antenna (~~Ant1, Ant2~~).

2. (Currently Amended) ~~Method~~ A method according to claim 1, ~~characterised in that~~ wherein:

~~in order to represent~~ displaying the power levels of the actually active code channels (2, 3, 15, 20), in conjunction with the power levels of the code branches associated with the respective active code channels (2, 3, 15, 20) ~~is represented in a combined manner.~~

3. (Currently Amended) ~~Signal analyser~~ A signal analyzer for ~~analysing~~ analyzing CDMA signals with orthogonal transmit diversity (~~OTD~~) for at least two antennae (~~Ant1, Ant2~~), the CDMA signal (5) being transmitted via at least one of at least two antennae (~~Ant1, Ant2~~), having comprising:

an evaluation device (3), ~~which detects~~ configured for detecting the ~~powers~~ power levels of ~~the individual~~ respective code channels and assigning the code channels, which are detected with respect to ~~the determined~~ a corresponding code class (~~CC6, CC7~~) to be represented in the next higher code class (~~CC7, CC8~~) and distributed corresponding to the orthogonal transmit diversity to the respective antennae (~~Ant1, Ant2~~), ~~are assigned~~ respectively to ~~that~~ said respective antennae (~~Ant1; Ant2~~) which is actually active on the basis of the orthogonal transmit diversity with respect to the active code channel, and a display device (4) ~~which displays~~ configured for displaying the power levels of the code channels assigned to the antennae (~~Ant1; Ant2~~) by the evaluation device (3).

4. (Currently Amended) ~~Signal analyser~~ A signal analyzer according to claim 3, ~~characterised in that~~ wherein the display device (4) represents the powers of the code channels for respectively only one actually active antenna (~~Ant1; Ant2~~).

5. (Currently Amended) ~~Signal analyser~~ A signal analyzer according to claim 3 ~~or 4~~,
~~characterised in that~~ wherein the display device (4) represents the powers of active code channels
as a sum of the powers of the individual code branches.